



[Document reference]

NEW WORK ITEM PROPOSAL

Proposer JNC of IEC TC34	Date of proposal
TC/SC TC34/SC34A	Secretariat
Date of circulation	Closing date for voting

A proposal for a new work item within the scope of an existing technical committee or subcommittee shall be submitted to the Central Office. The proposal will be circulated to the P-members of the technical committee or subcommittee for voting, and to the O-members for information. The proposer may be a National Committee of the IEC, the secretariat itself, another technical committee or subcommittee, an organization in liaison, the Committee of Action or one of the advisory committees, or the General Secretary. Guidelines for proposing and justifying a new work item are given in ISO/IEC Directives, Part 1, Annex C (see extract overleaf). **This form is not to be used for amendments or revisions to existing publications.**

The proposal (to be completed by the proposer)

Title of proposal

White light LED's for general lighting services



Standard



Technical Report

Scope (as defined in ISO/IEC Directives, Part 3, 6.2.1)

The standard specifying general characteristics, such as construction, size and dimensions with their tolerance, electrical characteristics (ratings), optical characteristics of white light LED's for general lighting services.

Purpose and justification, including the market relevance and relationship to Safety (Guide 104), EMC (Guide 107), Environmental aspects (Guide 109) and Quality assurance (Guide 102) . (attach a separate page as annex, if necessary)

- LED's have been widely used as important light sources, especially for indicators and sources for traffic signs.
- Recently, white light emitting LED's were developed and have been put on sale. They are expected as light sources for general lighting services of new generation (21st century).
- For this purpose, standardization of LED or LED array for general lighting services would be important.

Target date

for first CD

for IS

Estimated number of meetings

Frequency of meetings per year

Date and place of first meeting:

Proposed working methods

☒ E-mail

☐ ftp

Relevant documents to be considered

- JIS (Japanese Industrial Standard) C 7035-1985: Light Emitting Diodes (for Indication)
- JIS C 7036: Measuring Method for Light Emitting Diodes (for Indication)

Relationship of project to activities of other international bodies

Liaison organizations

Need for coordination within ISO or IEC

IEC TC47: Semiconductor device

SC47C/WG2 : Solid state panel device

Preparatory work

Check one of the two following boxes



A draft is attached for vote and comment



An outline is attached

We nominate a project leader as follows in accordance with ISO/IEC Directives, Part 1, 2.3.4 (name, address, fax and e-mail):

Concerns known patented items (see ISO/IEC Directives, Part 2)



yes



no

Name and/or signature of the proposer

Taisuke Hirota, Chairman of Japanese
National Committee of IEC TC34

Comments and recommendations from the TC/SC officers

Comments with respect to the proposal in general, and recommendations thereon		
1) Work allocation <input type="checkbox"/> Project team <input checked="" type="checkbox"/> New working group <input type="checkbox"/> Existing working group no:		
2) Draft suitable for direct submission as <input type="checkbox"/> CD <input type="checkbox"/> CDV		
3) General quality of the draft (conformance with ISO/IEC Directives, Part 3) <input type="checkbox"/> Little redrafting needed <input type="checkbox"/> Substantial redrafting needed <input type="checkbox"/> no draft (outline only)		
4) Relationship with other activities In IEC IEC TC47/SC47C/WG 2: Solid state flat display In other organizations		
Other remarks		
Remarks from the TC/SC officers		
Remarks from the Sector Board		

Elements to be clarified when proposing a new work item

Title

Indicate the subject matter of the proposed new standard.

Indicate whether it is intended to prepare a standard, a technical report or an amendment to an existing standard.

Scope

Give a clear indication of the coverage of the proposed new work item and, if necessary for clarity, exclusions.

Indicate whether the subject proposed relates to one or more of the fields of safety, EMC, the environment or quality assurance.

Purpose and justification

Give details based on a critical study of the following elements wherever practicable.

- The specific aims and reason for the standardization activity, with particular emphasis on the aspects of standardization to be covered, the problems it is expected to solve or the difficulties it is intended to overcome.
- The main interests that might benefit from or be affected by the activity, such as industry, consumers, trade, governments, distributors.
- Feasibility of the activity: Are there factors that could hinder the successful establishment or general application of the standard?
- Timeliness of the standard to be produced: Is the technology reasonably stabilized? If not, how much time is likely to be available before advances in technology may render the proposed standard outdated? Is the proposed standard required as a basis for the future development of the technology in question?
- Urgency of the activity, considering the needs of the market (industry, consumers, trade, governments etc.) as well as other fields or organizations. Indicate target date and, when a series of standards is proposed, suggest priorities.
- The benefits to be gained by the implementation of the proposed standard; alternatively, the loss or disadvantage(s) if no standard is established within a reasonable time. Data such as product volume or value of trade should be included and quantified.
- If the standardization activity is, or is likely to be, the subject of regulations or to require the harmonization of existing regulations, this should be indicated.

If a series of new work items is proposed, the purpose and justification of which is common, a common proposal may be drafted including all elements to be clarified and enumerating the titles and scopes of each individual item.

Relevant documents

List any known relevant documents (such as standards and regulations), regardless of their source. When the proposer considers that an existing well-established document may be acceptable as a standard (with or without amendments), indicate this with appropriate justification and attach a copy to the proposal.

Cooperation and liaison

List relevant organizations or bodies with which cooperation and liaison should exist.

Preparatory work

Indicate the name of the project leader nominated by the proposer.